CUTTERHEAD ASSEMBLY

ABSTRACT

[0020] The present invention is directed to a cutterhead including a cylindrical main body portion including a recess for at least partially receiving a knife. A primary shaft extends from an end of the main body portion. Preferably, the primary shaft includes a keyway or flat portion to mechanically connect the shaft to a power tool's drive system. A secondary shaft extends from the opposing end of the main body portion for supporting the cutterhead minimizing vibration and the like. A knife assembly is included in the cutterhead for permitting secure positioning of the knife. A lock bar is included to sandwich the knife between a sidewall of the knife recess and the lock bar. An index pin is disposed so as to engage the knife and lock bar. So as to generally fix the knife to the lock bar. In additional embodiments, the knife's position along a primary axis of the main body portion may be varied to extend the knife's cutting life. A height adjustment screw extends through a threaded aperture in the lock bar to allow for height adjustment of the lock bar/knife from above the lock bar. A securing screw extends through the cylindrical outer surface of the main body portion so as to secure the lock bar/knife against a sidewall of the knife recess included in the main body portion.